



BANNUX (LG Flexible Sign Faces)



UGS (Ultra Gloss Supreme) UMS (Ultra Matte Supreme)

Dated: 08/11/05

Description:

UGS (UMS) is a flexible sign substrate for indoor and outdoor advertisements. It meets high resolution printing standards and can be used to make single-side printed banners, printing with piezo inkjet inks.

Features:

- Glossy or matte finish
- Specially designed for billboard applications
- Indoor / outdoor applications
- Excellent printability and weather resistance.

Compatible Products

- VIZUONCAL 4000 & 6000 (Opaque)
- VIZUONCAST cut vinyl (Opaque)

Compatible Printers

- Vutek
- Mutoh
- Arizona
- Mimaki JV Series.
- Other solvent inkjet printers.

Characteristics:

Characteristic		Description
Structure	Coating Type	PVC (Option: Anti-mildew, Anti-UV, Flame retardant)
	Fabric	Polyester
	Weight	13oz
Roll Size		24" ~ 79"(width) x 50 yds ~ 400 yds

Durability:

Durability is based on field experience and exposure tests.

Outdoor durability is 1 year when properly processed and applied (unprinted film vertical exposure).

LG Chem does not warrant banner materials for the following.

- Seamed in order to make a larger banner
- Ripping, tearing, or damage due to the effects of the weather or the environment.

CAUTION: The weather resistance of the film that is laminated to the top of BANNUX or the ink used in printing may contribute to the durability of the end-products. Therefore, our warranty is just for undecorated BANNUX.

Maintenance

Use a cleaner used for high quality printed surfaces.

1. The cleaner must be wet, non-abrasive, and without strong solvents or alcohol.
(Solvent and alcohol can damage banner materials and printed images.)
2. The cleaner must not be either strongly acidic or alkaline (pH value 3.0~11.0).

Shelf Life

- Keep in a clean, dry area
- Process the banner material within 1 year of factory shipment
- Storage Condition: Free from excessive moisture, temperature, direct sunlight (20° x 50% R.H)
- Keep away from chemicals such as oil and wax



Printing on Materials

- VIZUON BANNUX UGS (UMS) is designed for digital printing with solvent inkjet inks.
- To get the best print results, use the best quality of inks that the printer makers recommend.
- The printer operator should work with the graphic designer or color conversion operator to prevent possible complications or color issues.
- Do not exceed total ink coverage of 250% for VIZUON BANNUX materials.
Too high of an ink level on banner materials may result in media characteristic changes, inadequate drying, and/or poor print quality.
- Printing should be done under room temperature.
- Too much tension and force may damage the material; therefore, keep the tension under 7 kgf.

Physical Properties

Properties	Test Method	Unit	ITEM	Test Method	Unit	ITEM
Base Fabric	DIN 60001		Polyester			Polyester
Thickness	DIN 53353	mm	0.35	FS 5401	mm	0.35
Total Weight	DIN 53352	gr/m ²	440	FS 5400	oz/yd ²	13
Tensile Strength	DIN 53858	N/2.5cm	735 / 685	FS 5100	lbs/in.	165 / 155
Tear Strength	DIN 53356	N	195 / 245	FS 5134	lbs	44 / 55
Standard Width		mm	Max 2,000		inch	79
FR, AM, UV treated.						

Warranty:

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